PTO/\$B/21 (05-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE CEIVED U.S. Patent and Tradentark Office. C.S. Del Assetto OMB control number and Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of CENTRAL FAX CENTER 09/955,357 Application Number TRANSMITTAL 09/10/2001 Filing Date **FORM** First Named Inventor Janet A. Warrington (to be used for all correspondence after initial filing) 1631 Art Unit Examiner Name Marschel, Ardin Total Number of Pages in This Submission Attorney Docket Number 3355.1 ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Response (12 pages) Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition Proprietary Information After Final Petition to Convert to a Status Letter Affidavits/declaration(\$) Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Terminal Disclaimer Express Abandonment Request Request for Refund Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Leticia R. Block - Reg. No. 50,167 Individual name Block Signature June 14, 2004 Date CERTIFICATE OF MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Facsimile No.: 703-872-9306. Leticla R. Block Typed or printed name entry Signature Date June 14, 2004 This collection of Information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to

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JUN 1 4 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Janet A. Warrington

Serial No:

09/955,357

Filing Date: September 10, 2001

Title: Computer Products and

Software for Association Gene Expression

With Genetic Variations

Examiner: Marschel, Ardin

Art Unit No.: 1631

Docket No.: 3355.1

OFFICIAL

**Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313

## RESPONSE TO OFFICE COMMUNICATION

Sir:

This document is submitted in response to the May 18, 2004 Office communication.

A Listing of the claims begins on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.